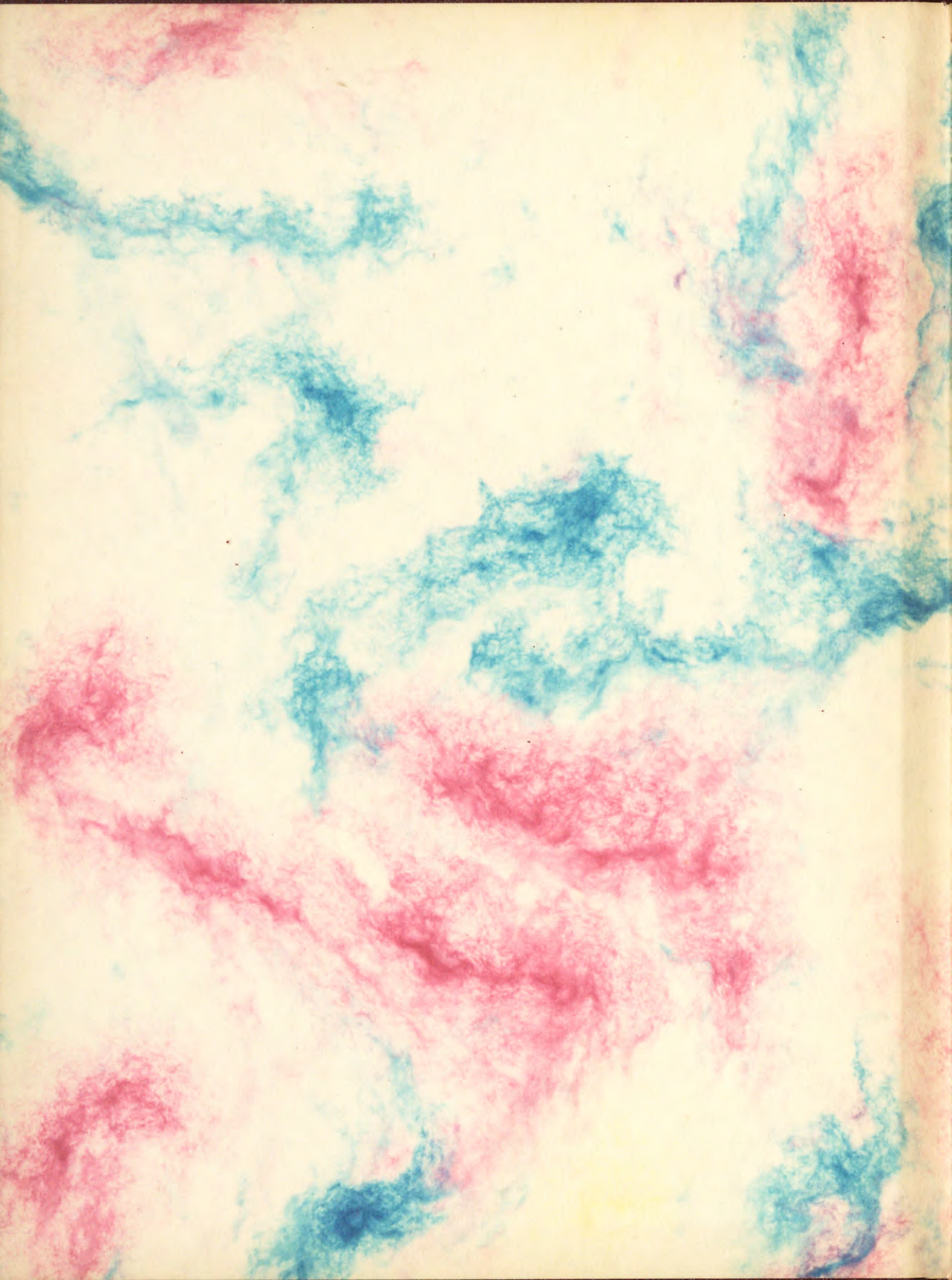


# NUCLEUS

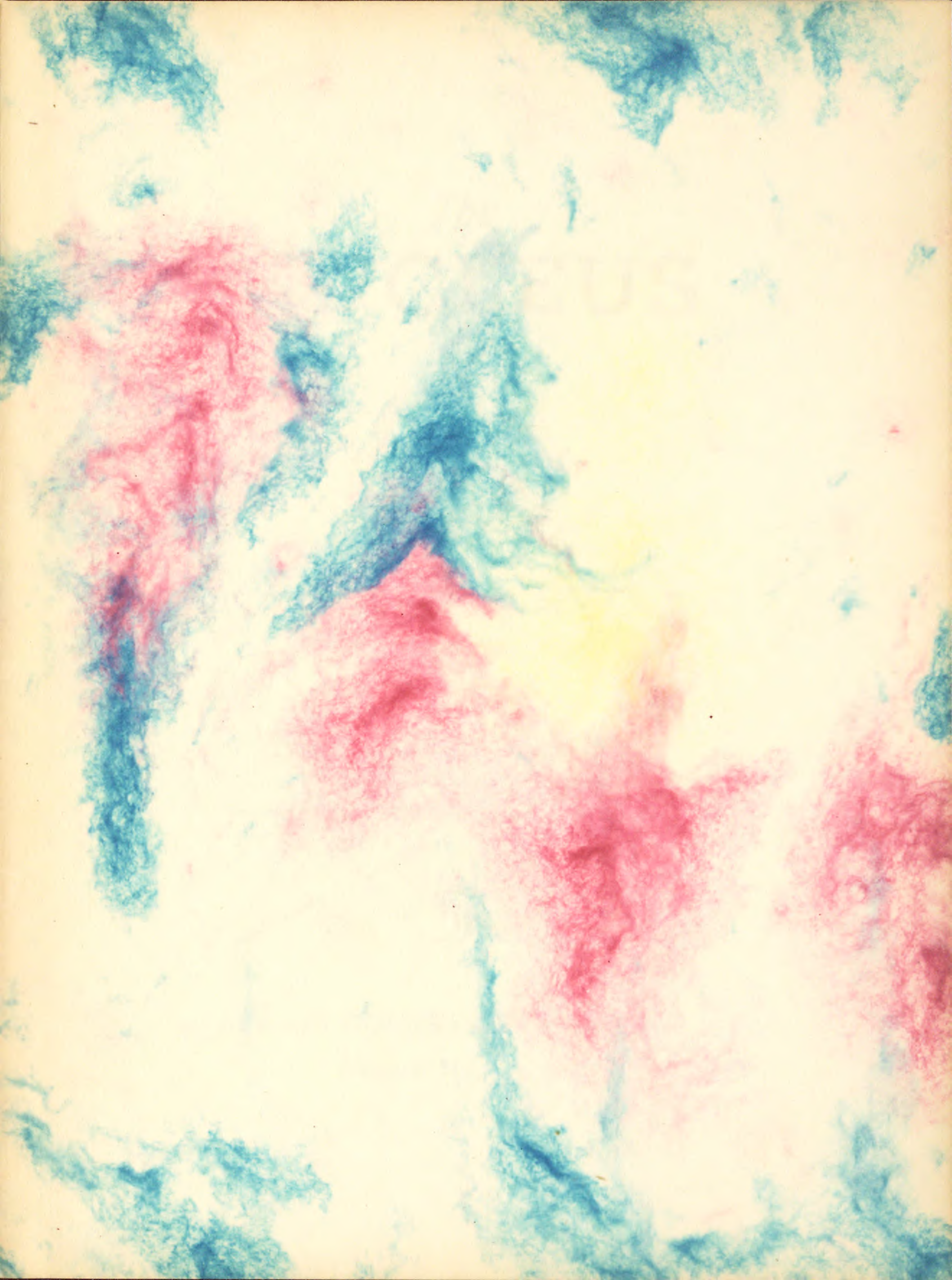
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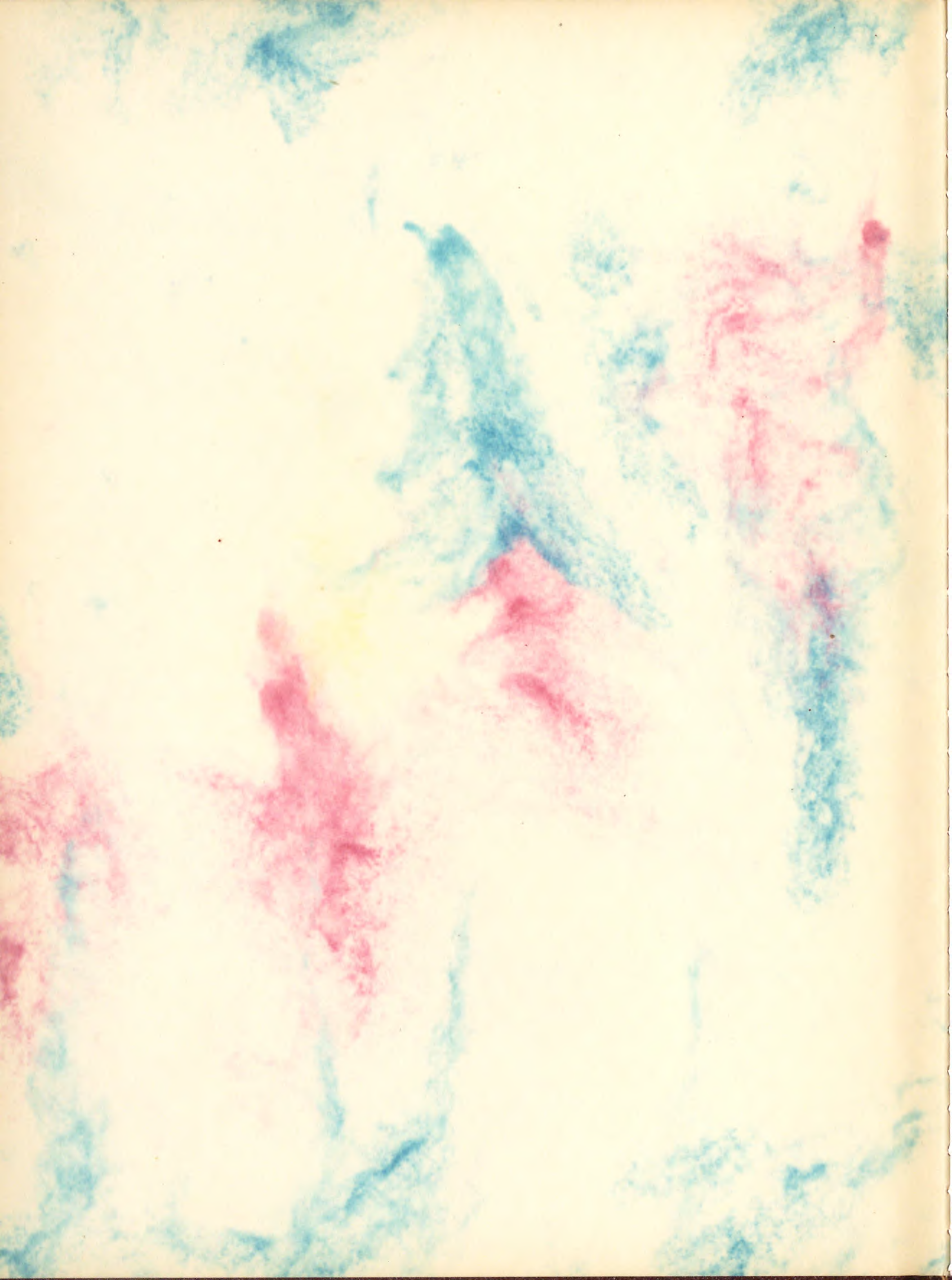






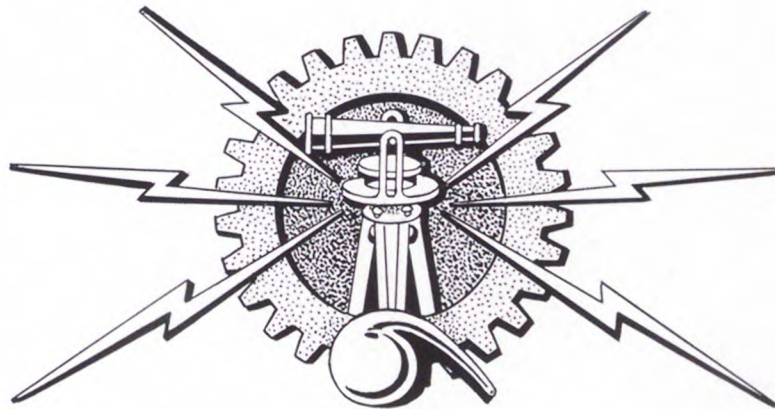






*The*  
**NUCLEUS**

*Presented By . . .*  
*The Class of*  
*. . . January, 1946*



NEWARK COLLEGE OF ENGINEERING  
Newark, New Jersey





## The Engineer's Oath

*As an engineer: I have a deep, abiding respect and faith in the ideals of my chosen profession; I believe that membership in it entails the most solemn obligations—obligations that I am eager and earnest to fulfill; I believe that, as a member of this profession, I have a vital and personal responsibility to act for the benefit of mankind, to render usable nature's vast material reservoirs and her latent energies.*

*As an engineer: I believe that the duties and the responsibilities of the profession rest more heavily upon me because of the traditions, the heritage, and the accumulated experiences passed down to me by members of the same profession in earlier generations, and I believe I should dedicate my efforts to the furtherance and development of these ideals and the dissemination of our philosophy and practice to younger men of the profession, that it may warrant a high place in the field of human endeavor.*

*As an engineer: I believe, in common with all men, that I should strive for the common good, interest myself in the service of humanity, and render to my fellow man and to my community without thought of material recompense such service as will be for the greatest public good.*

*As an engineer: I further believe that my profession requires in its very nature particular sensitivity to moral obligations and to the broadest human welfare and progress, that our world, with its material things and things of the mind and of the spirit, may be a better place to live in.*

*All these things I do truly believe and to these principles I solemnly commit myself.*





DR. ALLAN R. CULLIMORE  
President



# *A Message from the President*

TO THE CLASS OF JANUARY 1946

In thinking about the things that might be of interest to you and help to you, my mind turns particularly to the responsibility which we engineers have towards the establishment of a peace. I think all those of you who think about the matter at all realize that the problems of peace are extremely important ones, involving things in which you are very much professionally interested.

In these months and years which immediately follow the peace, we have to change over, not only from war processes and war production, but from war thinking into peace-time thinking, and that is not an easy thing to do. It is, however, particularly necessary for those men and women who are engaged in technological work to appreciate that this world must have help. Your job primarily is to help in this transition in the technological part, which in our modern day, is a very major part—a part which has greater responsibility than perhaps it has ever had before in the history of mankind.

The opportunities are greater and the recompense in salary and prestige is higher than ever before, but you must not lose sight of the fact that this is all done to help us make possible the enjoyment of a peace which has been tremendously costly.

So much for the material side of the picture. There is another side which seems to me still more important, and that is that everyone in this world needs help as never before. Nations and communities need help; our veterans need help; our communities must have help in connection with some of their problems which touch on juvenile delinquency and end in criminal careers. There is no greater contribution that you can make in this world than to help somebody who needs help.

*Allan R. Cullum*



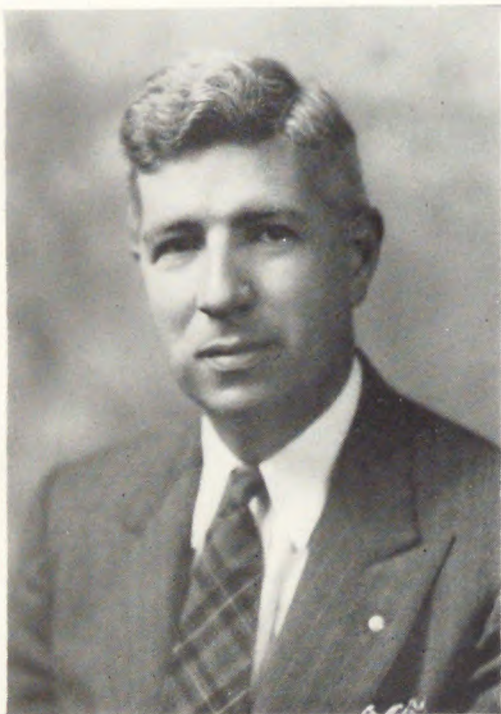
# *Administration*



HAROLD N. CUMMINGS  
Vice-President



JAMES A. BRADLEY  
Dean in Charge of Graduate Courses



ROBERT W. VAN HOUTEN  
Dean



WILLIAM HAZELL  
Associate Dean





## Greetings to the Graduating Class

**B**ACK IN the summer of 1943 you entered Newark College of Engineering while our country was concentrating all its efforts on total war. Now you are graduating from college as our country engages in the transition from a long and bitter war to peace. These are critical times for the United States and the rest of the world. Decisions are being made daily which will affect our future well-being, and it is your duty to keep abreast of developments, even though they may be in other than technical affairs. This is highly important, because a great need exists at present for informed and intelligent public opinion on a mass scale, in order that the decisions made will not be in the interest of special pressure groups only. Now that we seem to be entering a new era, that of atomic power, we notice that scientists and engineers are taking a more prominent part in sociological developments, and it is possible that in the future more weight will be given to the opinion of scientists than heretofore. The problems of our time call for vision, imagination, and clear thinking, with less emphasis on the traditional methods of solution. Real progress can be made when full use of the above powers is exercised.

You are being graduated at a time when the country is desperately short of engineers. During the past few years large numbers of engineers and prospective engineers went into the armed services from the industries and the schools. Now you will be expected to take on positions of relatively greater responsibility than under normal circumstances. You must keep this fact fixed in your minds and try to make the most of a rare opportunity. You have accumulated in the time spent here a large reservoir of technical information which, though valuable, is not of prime importance. In industry, you will discover that your ability to analyze varied situations, your ability to exercise sound judgment, as well as your powers of self-expression are of even greater significance in determining your success.

It is pleasant for me to recall many memories of our association in the mathematics classes, and I am certain that our friendship will continue after your graduation. Let me extend my sincere wishes for your success and happiness in future endeavors.

*Carl Kenove*



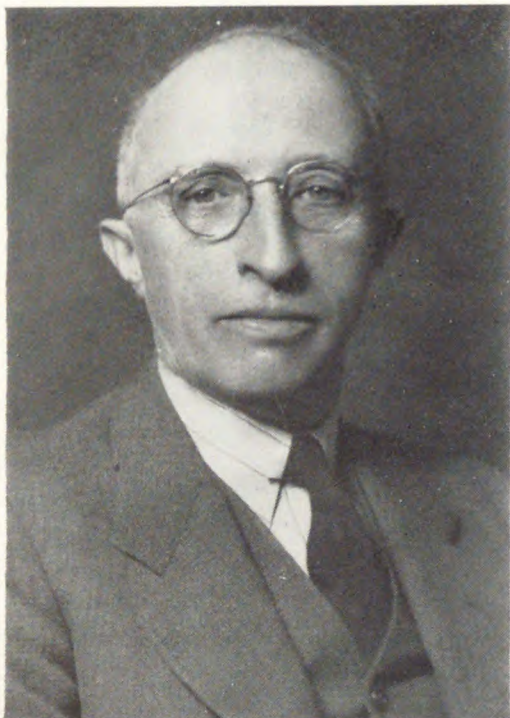
## *Department Heads*



PROF. VERNON T. STEWART  
Chemical Engineering Department



PROF. JAMES M. ROBBINS  
Civil Engineering Department



PROF. JAMES C. PEET  
Electrical Engineering Department



DR. FRANK D. CARVIN  
Mechanical Engineering Department



# *From the Office of the Dean*

*To the Class of January 1946:*

*In slightly more than six weeks your baccalaureate degrees will be conferred upon you and on that occasion President Cullimore will administer the Engineer's Oath. The last two paragraphs of that oath, written by President Cullimore, read as follows:*

*"As an engineer: I believe, in common with all men, that I should strive for the common good, interest myself in the service of humanity, and render to my fellow man and to my community without thought of material recompense such service as will be for the greatest public good.*

*"As an engineer: I further believe that my profession requires in its very nature nature particular sensitivity to moral obligations and to the broadest human welfare and progress, that our world, with its material things and things of the mind and of the spirit, may be a better place to live in."*

*I should like to direct this brief message to the thought contained in those two paragraphs.*

*You are all unquestionably ambitious to be successful in your chosen profession.*

*To attain your objective, you will not hesitate to work diligently, peruse current engineering literature, attend professional meetings, and take graduate courses. Realizing the demands that this will make on your time and energy, I still urge you to ponder President Cullimore's words.*

*The world is looking for young men and women who are willing to contribute of themselves and their substance to the cause of humanity. It is seeking those who will serve in community projects such as Community Chest drives, Red Cross campaigns, Boy and Girl Scout work, church work, and the many other worthy endeavors.*

*Humanity is also looking to you to be citizens of the "One World." You cannot and will not be disloyal to this wonderful country of ours. But if you are to live at peace with your fellow men, you and I—and all of us—must discard the selfish, provincial view of the world's problems.*

*You, and thousands of other young people like you, can be the salvation of this war-weary world if you will approach the problems of the world with an open mind. Prejudice, bigotry and fanaticism can play no part in the solution of the engineering problems that will confront you. Neither can they play any part in the solution of the world's problems if another holocaust is to be prevented.*

*And so I urge you to read again and again the two paragraphs quoted above. Accept and act on the challenge that those words carry and the world will be a better place in which to live for your having made your contribution to the welfare of humanity.*

*Robert W. Taylor*



## *The Class*



DR. JAMES H. PITMAN



IRVIN G. MORRIS

Faculty Advisors for 1946 Nucleus



## *From the Office of the Editor*

*The publication of a yearbook in an engineering school is probably always a difficult task. With a small class the problem is very much more difficult, and results can be obtained only with the cooperation of the entire group. That is why you will not see a 1946 Nucleus Staff mentioned, for all the class helped to publish this yearbook.*

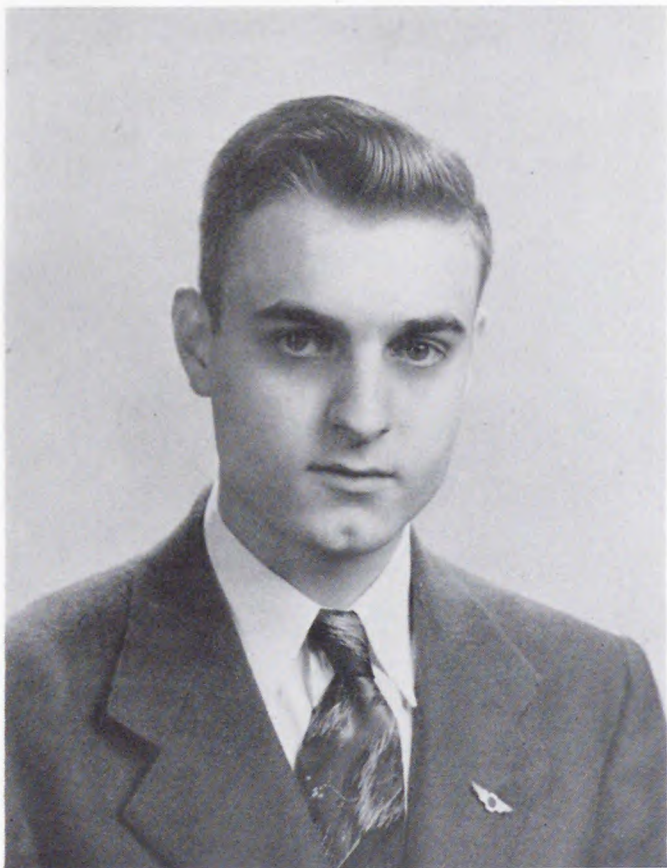
*Particular mention must be made of a few class members, however. An energetic campaign for advertisements conducted by the Co-Business Managers, Seymour Liebowitz and Emil Maresz, made it economically possible to publish the Nucleus. The informal snap-shots, always one of the most important yearbook features, were very ably taken by our photography editor, William Wylde.*

*I should like to thank Mr. Irvin G. Morris and Dr. James H. Pitman of the faculty for their help and cooperation. Mr. Morris' wide experience in the publication field was extremely helpful, and his cooperation in securing data and pictures is appreciated. Dr. Pitman made many valuable suggestions about the literary style of the material between these covers. I also want to thank Miss Edith Jones of the college secretarial staff for help in typing much of this material.*

*Now that the Nucleus is ready to go to press I want to thank each and every member of the class for the cooperation he has given me with this publication. It is my earnest hope that the greatest amount of success and happiness will be yours in your new careers.*

*Howard C. Kontje*





MICHAEL A. ARGENTIERI



MIKE IS one of Newark's own, and by all who know him, is termed a "regular guy." He was formerly taking the Electrical Engineering course, but switched to Mechanical at the beginning of the Junior year. Among the activities that Mike participated in after school hours were the senior basketball squad, the Student Council, and the Athletic Association and fencing team.

As a Mechanical, the student branch of the A.S.M.E naturally appealed to him, and when the I.F.C. or his own fraternity, Delta Sigma Zeta, held a dance, Mike was always sure to be there.

In the Mechanical Engineering lab. Mike always stood out, for instead of wearing coveralls, he could be seen in his white shirt with sleeves rolled up past his forearm. Sometimes the inevitable would happen . . . oil has peculiar habit of getting on clothes when you least expect it. We always wondered where he got his huge stock of white shirts . . . especially when shirts were as hard to get as new automobiles.

Mike's radiant smile and likable personality are sure to win him his rightful place in industry.





## JOSEPH DI LIBERTI

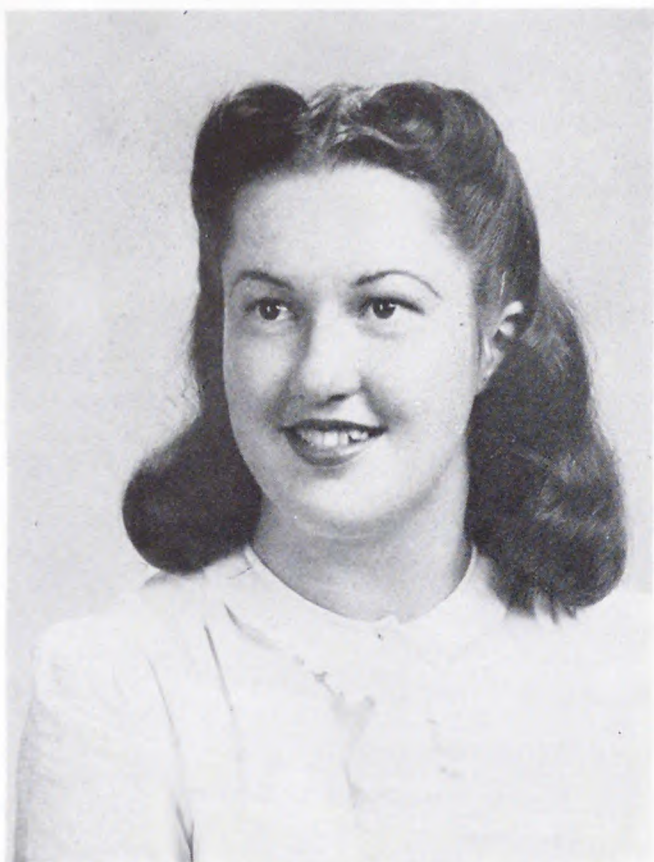


"JOE" WILL probably be best remembered for his habit of breezing in from Secaucus in that so-familiar red-wheeled Chevy, just in time to sprint to that nine o'clock class. With his many academic and extra-curricula activities, Joe found it necessary to keep a close account of his time. He belonged to the A.S.M.E. and Delta Sigma Zeta, conducted a radio-servicing business, dealt in used cars, and carried a banner for the Rutgers football team.

Joe entered our class in September, 1944. He came from an army career as diversified as his present life. He served in the U.S.A.A.F. for two years as a link-trainer instructor, took part in the A.S.T.P. and was a member of the 84th Infantry Division until his discharge in 1944. Before this he had gone to N.C.E., and also worked for Western Electric.

If we could all solve the personal equation that gives Joe his boundless energy and ambition, we would all possess that intangible something that makes Joe a graduate who will go a long way in his chosen profession.





AILEEN DRISCOLL



**W**E ARE honored to present Caldwell's gift to N.C.E., the charming coed of the senior class, Aileen Driscoll. Of the three girls that entered as freshmen at the same time, only Aileen has been successful in becoming a senior in spite of the many distractions offered by the engineering wolves.

Aileen is well liked by everyone and she was elected Secretary of A.C.S., Secretary of the class and became a member of the music club. The freshmen have Aileen to thank for her help in serving on the refreshment committee, during Orientation Day. Besides her scholastic achievements and popularity she assisted in the chemistry stock room and aided the physics department by grading reports.

A wonderful personality given full scope by the warmth of her smile, charmed all who came in contact with her. Good humor, vitality, and a warm friendliness endeared all with whom she came in contact, not to mention her generous nature (Aileen's car). We expect to hear great things about our only Coed.





## DOUGLAS FREYBERGER



"DOUG" started his work at N.C.E. a little later than the rest of the boys. But his cheerful patience in waiting for the Civil course which never materialized in our time, gave our class one of the most popular and happy-go-lucky fellows it had.

Doug served his time in the Navy until he received his honorable discharge due to an old football injury dating back to high school days.

Whenever there was a shortage of pencils or papers Doug was always on hand and it is rumored that he supplied one-half of the accounting class with paper. Many a Freshman was startled when Doug strolled on the "campus" smoking a big cigar. His close friends say his stand-by's were Robert Burns, Schoenlieber pipes, and a tall glass of Hoffman's half-and-half.

There was "little" woman in Doug's life by the name of Mary Ann who seemed to have him pretty well under control. Her spirited temperament was just what Doug needed.

Doug comes from the beautiful suburban town of Irvington, where he had a multitude of friends but had an aversion to people he called "Big Time Operators."

We are sure that when Doug decides on his profession, Civil or Mechanical, his friendly smile and jovial wit will make him a high-priced man.





EDWARD J. GAJDA



**E**D'S ACTIVE participation in the class really started in his Junior year. At that time he became a "Professional Man" by enrolling as a member of the A.S.M.E.

If anything derogatory is said about his home town of Irvington, Ed is always the first to challenge the unfortunate critic. To him, Irvington is the ideal place to live.

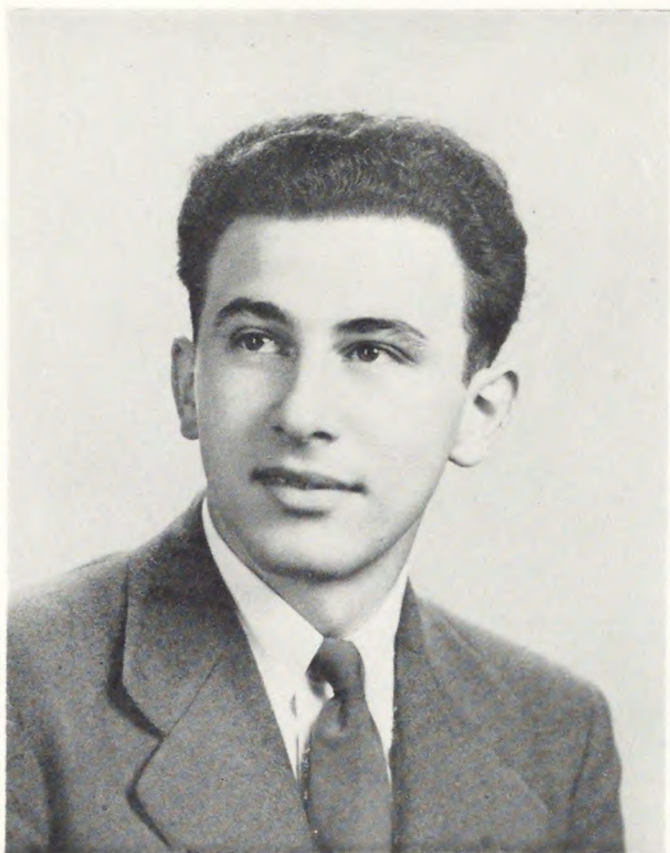
The tallest man in the class, Ed also had the distinction of having the largest hand as well. When ordering his class ring, the size designated was 12.

Among his extra activities were the Vice Presidency of the Senior Class, Student Council representative and member of both the senior basketball squad and the Ping Pong Club. Ed's favorite course was Machine Design. He liked the work and the instructor so well that he often went to class alone . . . the other men flipping coins to decide whether they should follow suit.

During his four years at N.C.E. Ed always occupied the same seat in Rooms 208 and 209 - C. We feel that the least the school should do is to honor Ed by placing a gold nameplate on the back of that chair.

Ed has a deliberate and methodical way of doing a job, and this, coupled with his friendly manner, should propel him to success in the industrial world.





PETER GASPERINI



"P" STANDS for Peter Gasperini and for P.M. too. Perhaps this is the reason why a daily copy of this news sheet is always found tucked in one of Pete's pockets. But this student also found time to participate in many activities. He was an active member of the A.C.S., president of Delta Sigma Zeta Fraternity, and a member of the class basketball team.

Although Pete is thoroughly interested in technology and science, he is also an aesthete. We are all familiar with his views concerning politics and the philosophies of the extreme left. He often saved the day in Staff Control by injecting into the discussion ideas that were indeed brain teasers.

It was an early morning rise for "Gaspar" if he wanted to be on time for his nine o'clock class, for Peter lives up Butler way. It seems too that the bus had a hard time getting here on those snowy mornings—or should we say afternoons.

A character study of Pete is a difficult task. Pleasant, unassuming, a steady worker: all of these might be applied to him. He delights in having a good time, and whether the fun consisted of fitting pipes in the Chem. Engine Lab. or listening to between-period jokes made no difference. It is these qualities that make Pete liked wherever he is.





DANIEL GERBER



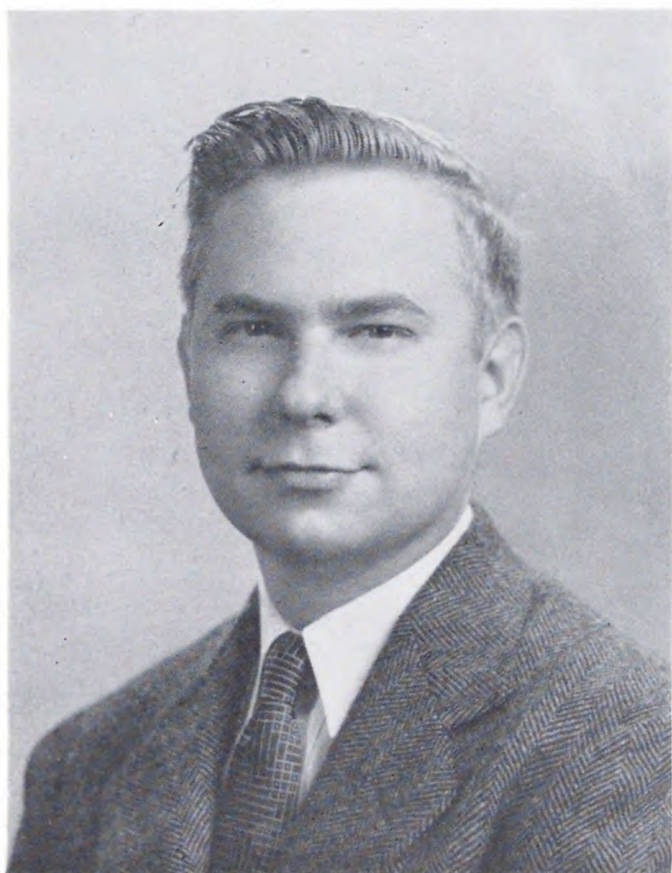
DANNY is one of the orators in the class. Whenever called on to speak he would always have something to say . . . whether it pertained to the subject or not. This gift, so useful to the other students in a discussion class, made him well liked by all.

A native of Newark, D.G. participated in numerous extra activities, among which were the A.S.M.E. and Phi Delta Mu Fraternity, of which he was President, membership in the Student Council, and chairman of several committees. Outside of school, Danny took a prominent part in the leadership of a Boy Scout Troop, taking his charges on camping trips and other scouting activities.

The cellar of his home is cluttered with large stocks of wood which he uses in his private wood-working shop. Aside from this, any other free time is used in the pursuit of his other hobby—photography.

One of the taller members of the class, Dan's 6' - 2" frame could always be distinguished in a crowd. His executive-like appearance will undoubtedly get him places when he goes out to find his place in the industrial field.





RALPH J. GREEN



RALPH was one of the more quiet members of the chemical section; consequently not all of us may have realized the sterling quality of his character. Behind his modest attitude are embodied sincerity, loyalty and perseverance that make for a noble personality. It is sufficient to say that to know him is to appreciate him.

Prior to his enrollment at N.C.E. Ralph attended Cornell University. When asked about his preference between the two colleges, the reply was usually, "Cornell was nice but the girls whistled at you."

His membership in the A.C.S. and the Music Club took up most of Ralph's spare time at the college. Outside, however, his interests were predominantly art appreciation and a natural aptitude for the eighty-eight keys. In other words, he is a pianist of rare quality.

A keen interest for his chosen profession and the ability to continue toward his goal until it is reached will make Ralph Green an indispensable man in industry.





ROBERT KIRCHNER



**B**OB, Pronounce-My-Name-Right, Kirchner will long be remembered at N. C. E. for the aroma of his ever-present pipe has filtered into the walls during his stay at school. The class objected, however, to Bob's assertion that the "stuff" he smoked was tobacco.

If anyone happened to say that golf was an "old man's game," Bob would be on hand at once to dispute that fact. However, it was rumored that the scores he mentioned were probably always a little lower than they should have been. Bob had a good many hobbies and outside activities. He is a bowler of some merit, and can also play a good game of chess.

The ping-pong room was the scene of some very interesting contests, and Bob could always manage to win more often than he lost. If we add camping and hunting to these activities we begin to wonder how an engineering student could find so much spare time.

This friendly fellow will go a long way in later life, for he has the type of open mind and cheerful spirit which the world welcomes.





HOWARD C. KONTJE



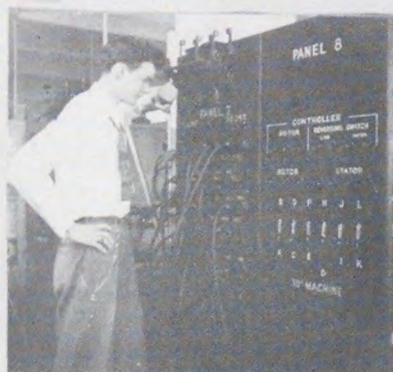
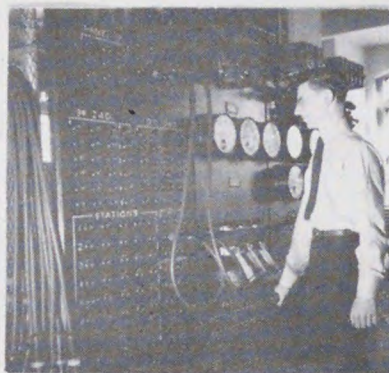
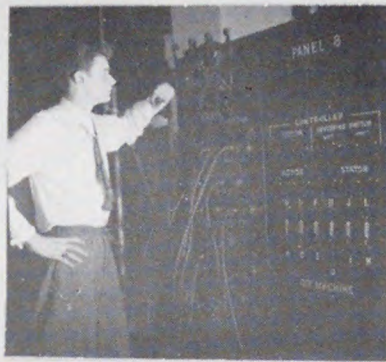
WITHOUT a doubt, Howie was one of the busiest member of the class. He carried this to such an extent that there were occasions when he just didn't have the time to even eat lunch.

The extra activities that were added to his heavy schedule included that of President of Student Council (a full time job in itself) Editor-in-Chief of The Technician, Editor-in-Chief of the NuCLEus and membership in the A.I.E.E.

When occasion permitted, Howie also added his support to the Senior Class basketball team. He only scored 6 points during the semester, but this did not stop him from doing his utmost to help win a game.

As Editor-in-Chief of the Yearbook, Howie really made the men work. If a task were assigned to a man, he made sure that it was completed on time and as specified. This quality of leadership will stand Howie in good stead when he is called upon to take his place in industry.





*Snap*





shots





## SEYMOUR LIEBOWITZ



ONE OF the truly bright lights of the Electricals was Si Liebowitz. He is a local boy with a keen interest in engineering subjects and extra-curricula activities.

Liebowitz was one of the top men in his class scholastically. He consistently earned good grades, and was honored in his Senior Year by election to Tau Beta Pi, the honorary engineering fraternity, which he served as Secretary.

Si's activities were not limited to studies, however, for he was interested in outside activities from the beginning. He joined Phi Delta Mu in his Freshman year, and served as President of that organization. The Technician and Nucleus were fortunate in that he served as Business Manager and Co-Business Manager respectively for these publications. Since he also served as Treasurer of the A.I.E.E., it should be easy for him to fall back on his accounting experience if he tires of engineering. During his last two years Liebowitz was a member of the Interfraternity Council and the Student Council. And he still found time to play a clarinet in an orchestra outside of school.

We expect great things from Si as he turns his energy and winning smile to new problems in industry.





EMIL N. MARESZ



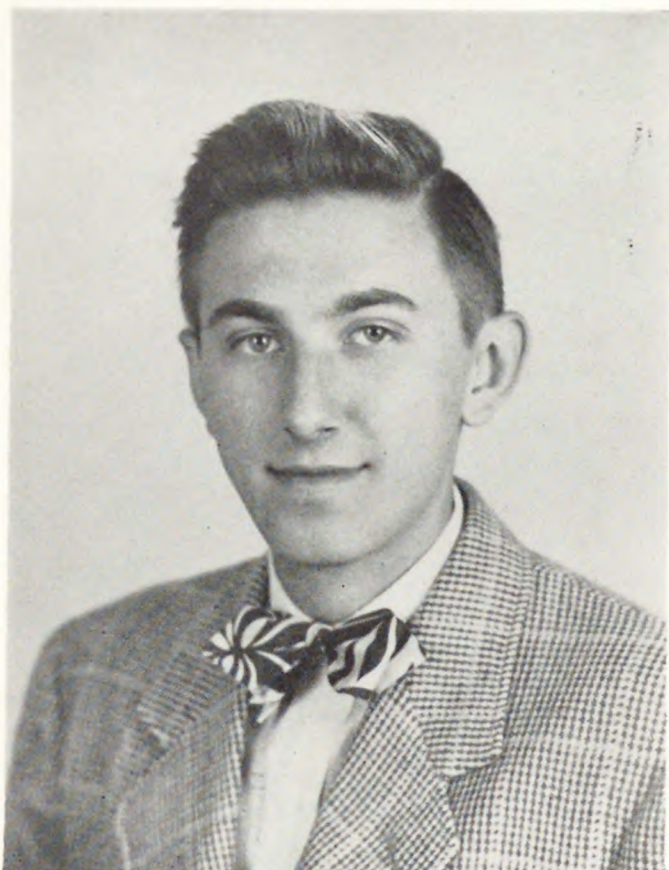
THE WINDS that blow around Hillside picked up Emil and deposited him in the halls of N.C.E. One of the most versatile members of the class, "Happy" will leave his Alma Mater with a fine record behind him.

Money fascinated Emil to such an extent, that he was elected treasurer of the A.S.M.E. as well as of the Senior Class. Along with these titles, he also added to his collection that of Co-Business Manager of the Yearbook.

As a basketball player, Emil was the star and high scorer of the Senior Class basketball squad. His small but powerful frame could be seen wizzing down the court like a demon, inspiring the rest of the men to score an extra basket or two.

Emil's cheerfulness will long be remembered by his classmates. He was well liked and undoubtedly will leave a fine impression with whomever he comes in contact.





JOSEPH P. MILESKE



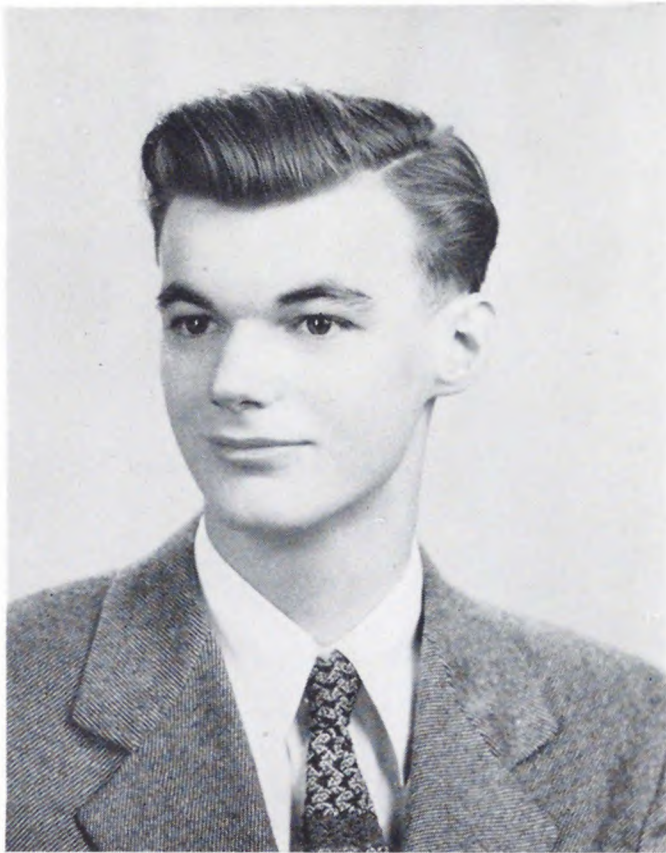
THE TALL fellow with the dark green glasses we see walking the halls of N. C. E. is Joe Mileski, a fugitive from Nutley High. His outlook on life, however, is by no means dark. Always ready for fun and pleasure, he enjoys swimming and the movies best of all and finds time for both. Joe has continually succeeded in maintaining a high scholastic record through his college career.

Joe came to N. C. E. to study Chemical Engineering after he graduated first in his high-school class. On completion of his freshman year he left to serve with the armed forces, but returned a year later to renew his studies with increasing interest.

This well-liked Senior was elected President of the A. C. S. and served as a member of the Student Council. He was also an active member of the music club. Besides his scholastic ability and popularity, Joe has acted as an assistant in the library, and has aided the Physics Department in grading reports.

With all these achievements, and with his background of experience we can all be sure that Joe will succeed in future undertakings.





KURT F. NAUERZ



"EVERYTHING comes to him who waits," and Kurt hit the jack pot in his Senior year. Hillside's contribution to the class was a quiet man on the surface, but his easy-going personality made him a popular man among his fellow students.

Kurts ranks near the top as far as scholastic record is concerned. In his Senior year, he was elected President of Tau Beta Pi, the honorary engineering society, an honor every student covets.

Class work did not take all of his time, for the A.I.E.E. chose him to head the local chapter. He worked hard to keep this organization active during a period when most organizations had trouble with the manpower shortage. Kurt served on the Student Council, and also worked on the Nucleus Staff.

Nauerz could always be found in the electric lab while not in class, typing reports, working, or just talking. His lunchtime resumes of Friday night escapades made good conversation, and added to the impression that Kurt was quite the ladies' man.

General Electric is the first stop in industry for this Senior and we know this is a start toward a successful career.





## IRVING PERLMAN



"IRV" PERLMAN hails from Jersey City, the one town in the country that has the best fire department and the least amount of juvenile delinquency.

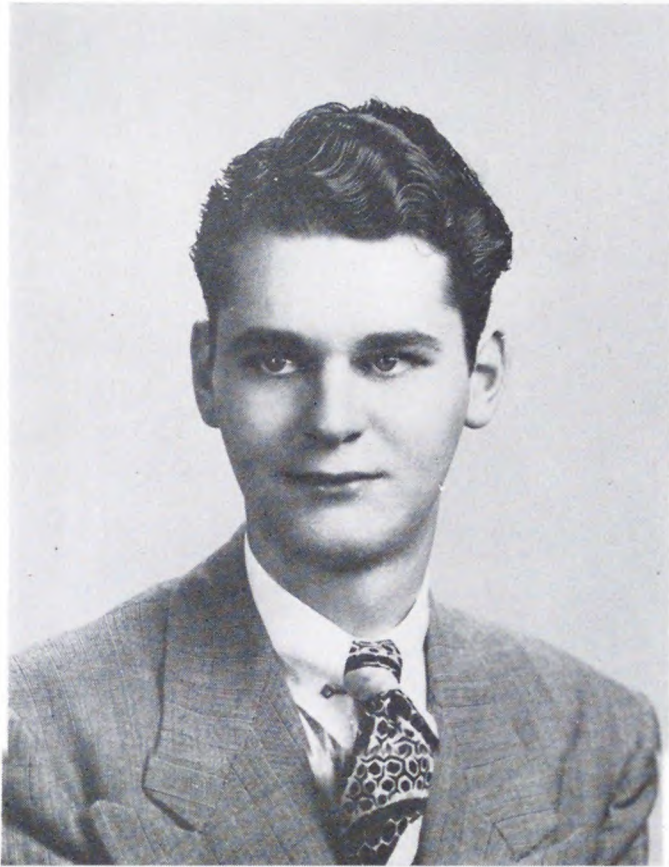
If you've ever seen a "wavy top" go whizzing by your door in the morning, you would know that it was Irv, running to catch the 8:08 on the Jersey Central. Among Irv's accomplishments stands his membership in the A.S.M.E. He is also a member of the Phi Delta Mu fraternity. The Student Council, too, found a hard worker in Irv when he served in his capacity as Vice President of the Junior Class.

In common with the rest of the Jersey City "hepcats," Irv likes to dance.

Best beware of one thing! If you want to remain his friend, don't ask him anything about any reports . . . any kind of reports. Reports drive him frantic!

We predict that Irv will easily find a place in industry. His ready willingness to help the other fellow out will guarantee him a host of friends.





## MALCOLM PAUL POPIK



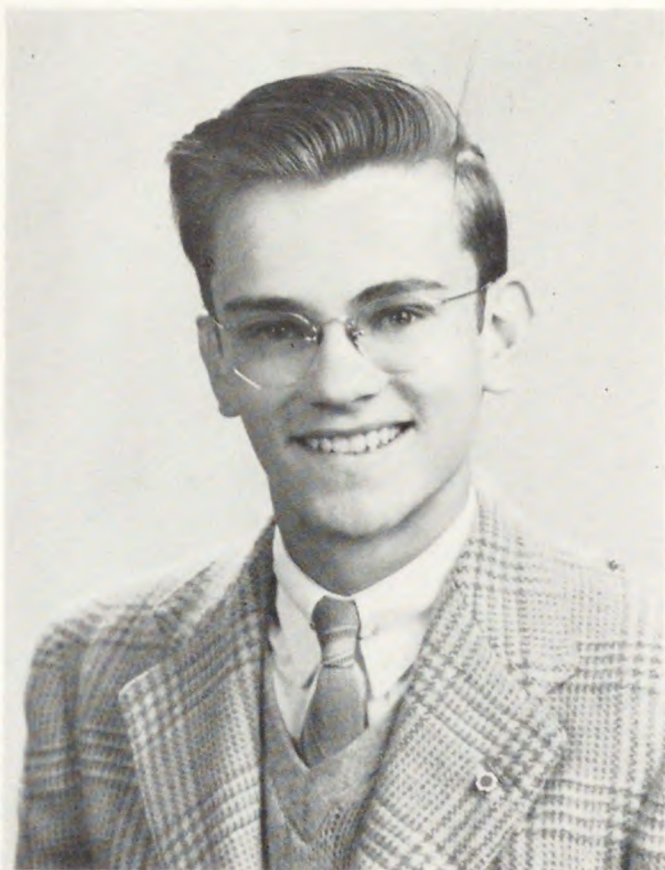
**M**AC, THE enterprising young student with a wave in his hair and a flair for "Pearls of Wisdom," fits into the "there's one in every class" category for his classical comments on the strangeness and mystery of man's life. Mac himself is no mystery to anyone.

He will be well remembered as the astute student with the Chevy coupe, staggering out of every library in town, arms loaded with books of every dimension. For under Mac's serene exterior lie the soul of a poet, the brooding mind of a philosopher, and the nihilistic attitude of the scientist. His book shelves hold as unrelated a conglomeration of literature as can be found anywhere, from "Advanced Calculus" to "Engineering Electronics," to Dewey and thence to Thomas Wolfe. For to Mac the principles of proportion and balance in things of the mind are of major importance. Whether he achieves it himself is anyone's guess.

Mac relaxed during lunch hours in the Commons by taking all comers in ping-pong. Or he could be found in the electric lab talking aptly and conclusively on every subject from asymmetrical components to women.

Always the well groomed, always the well-mannered gentleman, Mac Popik of the subtle wit and penetrating mind will some day succeed in his search, that is, if he knows what he is looking for.





WILLIAM SIMPSON



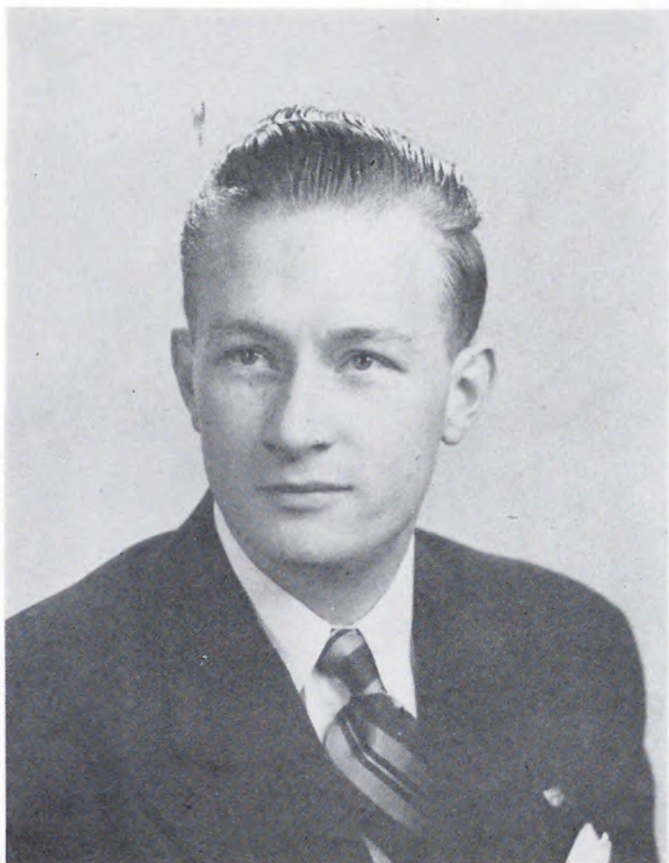
**T**HIS IS our classmate from the Windy City, who has, for the past three years, been trying to live down Mayor Kelly.

Bill himself is a very capable leader, as shown by the offices he has held during the last few terms. Not only was he president of Sigma Pi but he was at the helm of the A.S.M.E. By the way, don't let those cream cheese sandwiches make you think that Bill is unathletic. To the contrary, he was a mainstay with our sections' basket hangers, even if they did lose most of their games.

While at school Bill was everything from a car jockey at the Chanticleur to a hack pusher in Millburn, which gave him lots of time for his Staff and Mechanical Engine reports . . . if he used it for that.

Whatever Bill may choose as his field of endeavor, the class knows that he will be successful. For he has a great capacity for work with his fellow men, and a keen interest in community affairs.





## WILLIAM WYLDE



**W**ILLIAM Wylde, commonly known among his cohorts as "Willy" has been, throughout our attendance at this institution, one of the leading factors in making life bearable for us. His unending repertoire of jokes, stories and his exhibition dances always helped us through spots where the going was roughest.

Bill, comes from Rutherford, N. J., and claims most emphatically that he is the only Democrat "for miles around." This is very important to Bill because he takes his politics seriously. We will not soon forget those bloody battles in the courtyard about the time of the last presidential election. Willy started school here in 1942, but for a reason known only to Uncle Sam, he left shortly thereafter. He spent some time in the Air Corps and upon discharge returned to the old "Alma Mammy."

His class realized Bill's ability as an organizer, for he was elected President in his Junior year. His administration was successful and he was elected President of the Senior Class, an enviable honor.

The Student Council gained an able worker in Bill, and he served on innumerable committees. He was also a member of the A.S.M.E., and served as Photography Editor for the Yearbook.

We warn industry to be ready, for this man will soon be looking for new worlds to conquer with the personality that made him one of the best-liked men of the class.



# *Class History*

It was a warm sultry day that sixth of July, 1943 when one hundred and eighty-seven of us, mindful of the existent world-shaking events which shrouded the entire universe in a war-torn cloak of dismay and despair, entered the serene yet business-like halls of the Newark College of Engineering in the pursuit of a scientific education that would prepare us for our ultimate place in society.

The task before us was a long and arduous one, made yet more intricate and delicate by the realization that a greater portion of us would be destined to enter the armed services of our country, and thus interrupt our formal education for a while. As time went by, our ranks were depleted, not in some geometric or arithmetic progression but in a progression whose only variable was the exigencies of the situation.

Those of us who remained functioned as a close-knit organization, going about our studies with a meaningful purpose.

We toiled under the accelerated program that first summer, working diligently over the drafting board, sweating out a basic problem in Chemistry, listening intently to a lecture in either Principles of Engineering or History of Industrial Civilization, or making a critical analysis in a fundamental problem of Mathematics.

The ensuing years found us first Sophomores, then Juniors, and finally Seniors. At the beginning of our Junior year we picked the field in which our future hopes, aspirations, desires, and ambitions lay. Some of us chose Chemical, some Electrical, and others Mechanical Engineering.

Our extracurricular activities, although somewhat curtailed and hampered by the war emergency, were nevertheless numerous. We joined the social fraternities, the student branches of our respective societies, the various clubs, the class organizations, the Student Council, the Interfraternity Council, Tau Beta Pi, and The Technician.

Our graduating class was small, possibly the smallest in the history of the College. The officers for the senior year were William Wylde, President; Edward Gajda, Vice President; Emil Maresz, Treasurer; and Joseph Di Liberti, Secretary.

Graduation day, one of the red letter days in our life, the day which we all had been working and striving for, the day after which we would all go our separate and diversified ways though perhaps to meet sometime in the future. This day found the nation with a peacetime economy and with industrial strife rampant.

Yet we all looked forward to a time when we may take our place as one of the responsible citizens of our community in a world filled with the brotherhood of man and prosperity for all.



# - - Activities - -

Our class entered N. C. E. during the war years, when enrollment was small and schedules were heavy. Yet most of us found time to participate in various activities around the school.

Only three professional societies were active during the war years, the American Institute of Electrical Engineers, American Society of Mechanical Engineers, and the American Chemical Society. These societies adopted programs to fit the times, and when professional speakers were impossible to obtain, a student lecture program was set up with surprisingly good results. Trips to industrial plants showed us some of the practical sides of the subjects we were studying. Each of the societies sponsored a smoker while we were upper classmen, and N. C. E. was always represented at the New York conventions.

The Greek-letter fraternities had many problems brought about by lack of members and facilities. Most of the frats found it necessary to move to less pretentious quarters, but they always had their pledge periods, and new members kept coming in. The Interfraternity Council held a Thanksgiving Dance each year which was always successful.

Many of our class members served on the Student Council and tried to stimulate interest in new programs of activity. It was during our time that the Orientation Day Program was revived, to help new freshmen get better acquainted with the college. THE TECHNICIAN was also revitalized during our Senior year, and once more was published regularly.

It would not be proper to publish this yearbook without some mention of the successful intermural basketball program sponsored by the Athletic Association. The Seniors entered a team, and even though they lost occasionally, all the fellows enjoyed the contests. Emil Maresz was team captain, and he chose his team from the following basket-hangers: Mike Argentieri, Ed Gajda, Pete Gasperini, Howie Kontje, Mac Popik, Bill Simpson and Bill Wylde.

All these activities participated in by our class will help us in industry, for we have learned how to work with other people and how to settle our differences peacefully.





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